

**Dominion Energy**  
**Energy Efficiency Report - Utah Programs**  
**As of December 31, 2018**

Line #	Program	4th Quarter 2018		Total 2018					
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	ThermWise Appliance Rebates	1,778	\$ 657,955	21,621	23,988	174,789	\$ 4,498,299	\$ 5,431,650	
2	ThermWise Builder Rebates	7,043	2,505,310	23,832	16,135	129,883	6,539,996	4,559,088	
3	ThermWise Business Rebates	149	461,767	1,000	1,910	65,200	1,951,900	3,564,234	
4	ThermWise Home Energy Plan	450	120,064	2,162	2,800	34,845	435,796	685,265	
5	ThermWise Weatherization Rebates	7,315	2,363,384	29,321	34,670	110,317	7,549,884	7,555,172	
6	Market Transformation	N/A	401,014	N/A	N/A	N/A	1,374,666	1,320,000	
7	ThermWise Energy Comparison Report	285,000	98,664	285,000	285,000	347,700	415,686	600,000	
8	Low Income Efficiency Program	136	27,422	916	1,725	9,955	642,055	829,426	
9	<b>Programs Total **</b>	<b>16,871</b>	<b>\$ 6,635,580</b>	<b>78,852</b>	<b>81,228</b>	<b>872,688</b>	<b>\$ 23,408,281</b>	<b>\$ 24,544,834</b>	
10	DSM Interest	N/A	40,793	N/A	N/A	N/A	78,182	N/A	
11	DSM Amortization	N/A	(8,790,874)	N/A	N/A	N/A	(23,887,962)	N/A	
12	DSM Accruals ***	N/A	756,018	N/A	N/A	N/A	278,384	N/A	
13	DSM General Administration	-	-	N/A	N/A	N/A	-	N/A	
14	<b>2018 TOTAL</b>	<b>16,871</b>	<b>\$ (1,358,484)</b>	<b>78,852</b>	<b>81,228</b>	<b>872,688</b>	<b>\$ (123,114)</b>	<b>\$ 24,544,834</b>	

\*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

\*\* Total participation reflects rebates and energy plan participants. Energy Comparison Report participants are shown only for the purpose of calculating cost effectiveness.

\*\*\* Accruals made during the period are shown only for the purpose of reconciling ending account balance.

**Dominion Energy**  
**ThermWise Appliance Rebate Program - Utah Programs**  
As of December 31, 2018

Line#	Program	4th Quarter 2018		Total 2018				
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	92% Efficient Furnace	9	\$ 1,800	28	61	256	\$ 5,600	\$ 12,200
2	95% Efficient Furnace	280	84,100	1,879	6,400	22,099	617,349	1,920,000
3	95% Efficient Furnace with ECM	572	200,300	3,555	3,000	40,088	1,291,600	1,050,000
4	98% Efficient Furnace with ECM	117	46,800	696	700	8,908	287,800	280,000
5	Gas Water Heater - Tier 2	89	8,900	519	761	1,187	51,900	76,100
6	Condensing Gas Water Heater	13	4,550	111	70	771	38,850	24,500
7	Hybrid Gas Water Heater	1	350	27	10	187	9,450	3,500
8	Boilers Tier 1	-	-	4	40	60	1,600	16,000
9	Boilers Tier 2	12	7,200	73	81	1,472	43,800	48,600
10	Solar Assisted Water Heater (domestic)	-	-	2	7	28	1,500	5,250
11	Solar Assisted Water Heater (pool)	1	750	6	7	331	4,500	5,250
12	Tankless Gas Water Heater (tier 1)	-	-	3	-	21	900	-
13	Tankless Gas Water Heater (tier 2)	113	39,550	618	725	4,633	216,300	253,750
14	Direct Vent Gas Fireplace	35	7,000	318	351	2,748	63,600	70,200
15	Smart Thermostat (appliance)	523	26,400	12,834	11,500	88,298	1,027,500	575,000
16	Boiler Reset Control (appliance)	-	-	-	20	-	-	2,000
17	Combined Space and Hot Water	2	1,500	2	5	30	1,500	3,750
18	92% Efficient Furnace	-	-	-	5	-	-	1,000
19	95% Efficient Furnace	6	1,800	436	40	2,299	151,750	12,000
20	95% Efficient Furnace with ECM	-	-	35	20	191	13,750	7,000
21	98% Efficient Furnace with ECM	1	400	2	5	17	800	2,000
22	Gas Water Heater - Tier 2	1	100	393	80	899	39,300	8,000
23	Solar Assisted Water Heater (pool)	-	-	-	1	-	-	750
24	Hybrid Gas Water Heater	-	-	1	-	4	350	-
25	Boilers Tier 1	-	-	-	1	-	-	400
26	Boilers Tier 2	-	-	-	1	-	-	600
27	Direct Vent Gas Fireplace	-	-	-	1	-	-	200
28	Smart Thermostat (existing multifamily)	2	100	74	90	237	5,900	4,500
29	Combined Space and Hot Water (existing)	1	750	1	5	11	750	3,750
30	Tankless Gas Water Heater (tier 2)	-	-	3	1	14	1,050	350
31	Correction	-	-	1	-	1	50	-
32	Administrative & Overheads	N/A	225,605	N/A	N/A	N/A	642,949	1,045,000
33	<b>Total</b>	<b>1,778</b>	<b>\$ 657,955</b>	<b>21,621</b>	<b>23,988</b>	<b>174,789</b>	<b>\$ 4,498,299</b>	<b>\$ 5,431,650</b>

\*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

Dominion Energy  
ThermWise Builder Rebates Program - Utah Programs  
As of December 31, 2018

Line #	Program	4th Quarter 2018		Total 2018		Dth Savings*	Actual Costs	Budget
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants			
1	HERS Index 62 or lower	274	\$ 27,400	1,643	800	6,835	\$ 164,300	\$ 80,000
2	HERS Index 55 or lower	347	69,400	1,105	12	9,194	221,000	2,400
3	HERS Index 48 or lower	6	1,800	23	8	287	6,900	2,400
4	Energy Star 3.0 Bonus	204	10,200	732	150	1,628	36,600	7,500
5	92% Efficient Furnace	30	6,000	231	450	1,686	46,200	90,000
6	95% Efficient Furnace	1,833	573,300	5,602	8,500	47,999	1,832,500	2,550,000
7	95% Efficient Furnace with ECM	509	182,000	1,698	500	16,439	651,600	175,000
8	98% Efficient Furnace with ECM	2	800	9	20	88	3,950	8,000
9	.67 EF Storage Water Heater	519	51,900	1,723	515	3,942	172,300	51,500
10	Tankless Water Heater	64	19,200	128	-	859	38,400	-
11	Tankless Water Heater Tier 2	168	58,800	423	110	3,621	148,050	38,500
12	Condensing Gas Water Heater	-	-	1	10	7	350	3,500
13	Hybrid Gas Water Heater	-	-	1	5	7	350	1,750
14	Gas Boiler Rebates Paid - Tier 1	-	-	1	-	10	400	-
15	Gas Boiler Rebates Paid - Tier 1	-	-	-	9	-	-	3,600
16	Gas Boiler Rebates Paid - Tier 2	-	-	11	33	142	6,600	19,800
17	Solar Assisted Water Heater - domestic	-	-	-	5	-	-	3,750
18	Solar Assisted Water Heater - pool	-	-	-	5	-	-	3,750
19	2x6 Walls	-	-	8	-	82	2,800	-
20	2x6 R-23 Walls	814	122,100	2,738	400	11,828	410,700	60,000
21	R-5 Window	18	993	113	330	40	4,336	825
22	Smart Thermostat	30	2,750	282	450	970	26,750	22,500
23	Combined Space and Hot Water	-	-	-	5	-	-	3,750
24	HERS Index 62 or lower - MF	451	22,550	1,377	10	2,534	68,850	500
25	HERS Index 55 or lower - MF	447	44,700	646	-	2,377	64,600	-
26	Energy Star 3.0 Bonus - MF	169	4,225	798	-	721	19,950	-
27	92% Efficient Furnace - MF	116	23,200	399	1,200	1,838	79,800	240,000
28	95% Efficient Furnace - MF	676	205,250	2,841	1,500	15,473	954,600	450,000
29	95% Efficient Furnace with ECM - MF	2	800	60	33	313	23,950	11,550
30	98% Efficient Furnace with ECM - MF	-	-	-	5	-	-	2,000
31	.67 EF Storage Water Heater - MF	181	18,100	883	715	982	88,300	71,500
32	Tankless Water Heater Tier 2 - MF	167	58,450	300	5	1,620	105,000	1,750
33	Hybrid Gas Water Heater - MF	-	-	-	5	-	-	1,750
34	Boilers Tier 1 - MF	-	-	-	5	-	-	2,000
35	Boilers Tier 2 - MF	-	-	-	5	-	-	3,000
36	Solar Assisted Water Heater - domestic MF	-	-	-	5	-	-	3,750
37	Solar Assisted Water Heater - pool MF	-	-	-	5	-	-	3,750
38	R-5 Window	15	370	15	5	2	370	13
39	Smart Thermostat (new multifamily)	1	50	41	5	56	3,650	250
40	Combined Space and Hot Water (new multifamily)	-	-	-	15	-	-	11,250
41	Energy Star Highrise (new multifamily)	-	-	-	300	-	-	7,500
42	Administrative & Overheads	N/A	1,000,971	N/A	N/A	N/A	1,356,839	620,000
43	<b>Total</b>	<b>7,043</b>	<b>\$ 2,505,310</b>	<b>23,832</b>	<b>16,135</b>	<b>129,883</b>	<b>\$ 6,539,996</b>	<b>\$ 4,559,088</b>

\*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

Dominion Energy  
ThermWise Business Rebates Program - Utah Programs  
As of December 31, 2018

Line#	Program	4th Quarter 2018		Total 2018				
		Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings*	Actual Costs	Budget
1	Business Custom	-	-	15	20	3,918	27,704	80,000
2	92% Efficient Furnace	-	-	2	2	-	-	400
3	95% Efficient Furnace	102	32,200	336	250	4,299	112,000	75,000
4	95% Efficient Furnace with ECM	6	2,100	96	100	1,279	37,300	35,000
5	98% Efficient Furnace with ECM	-	-	1	15	17	450	6,000
6	Gas Storage Water Heater - Tier 2 <75kBtu .67	-	-	1	5	2	100	500
7	Gas Storage Water Heater >75kBtu	10	6,319	52	10	3,429	29,561	6,000
8	High Efficiency Gas Water Heater - Tankless <200kBtu	-	-	2	10	50	702	4,000
9	High Efficiency Gas Water Heater - Tankless >200kBtu	4	6,400	23	15	2,044	28,975	15,300
10	Condensing Gas Water Heater	-	-	1	3	8	350	1,050
11	Hybrid Gas Water Heater	-	-	2	5	16	700	1,750
12	Combined Space / Water Heater (business)	-	-	-	5	-	-	2,250
13	Commercial Clothes Washer	-	-	-	5	-	-	375
14	Boiler Reset Control	-	-	-	10	-	-	2,500
15	Boiler Tune-up Tier 1	-	-	14	10	110	1,400	1,000
16	Boiler Tune-up Tier 2	-	-	-	5	-	-	750
17	Boiler Tune-up Tier 3	-	-	9	15	630	2,250	3,750
18	Low Flow Pre-rinse Spray Valve	-	-	-	25	-	-	800
19	Smart Thermostat (business)	2	159	157	150	1,120	13,996	10,500
20	Direct Contact Water Heater	-	-	-	1	-	-	298
21	High Efficiency Boiler Hot Water Tier 1	-	-	-	30	-	-	120,000
22	High Efficiency Boiler Hot Water Tier 2	-	-	27	-	5,442	65,153	10,806
23	High Efficiency Boiler Hot Water Tier 2	1	6,500	8	60	1,712	34,759	243,750
24	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	-	-	-	-	-	-	-
25	Boiler Hot Water ≥ 2,500,000 Btu/h (business)	10	110,500	39	90	23,716	446,875	877,500
26	High Efficiency Boiler Steam Tier 1	-	-	-	1	-	-	4,140
27	High Efficiency Boiler Steam Tier 2	-	-	2	-	2,211	16,259	-
28	Boiler Steam (Except Natural Draft) ≥ 300,000 Btu/h (business) NEW 20	-	-	-	2	-	-	21,612
29	Boiler Steam (Natural Draft) ≥ 300,000 Btu/h (business)	-	-	-	1	-	-	10,806
30	Gas Unit Heater Non-Condensing	-	-	2	10	5	150	2,500
31	Gas Unit Heater Condensing	-	-	48	50	2,188	28,415	81,000
32	Infrared Heating System	-	-	12	700	229	3,900	525,000
33	Modulating Infrared Heaters (NC or Replacing Non-IR) (business)	-	-	-	1	-	-	1,088
34	Modulating Infrared Heaters (Replacing Non-IR) (business)	-	-	-	1	-	-	290
35	Condensing RTU's (business)	-	-	-	1	-	-	1,875
36	High Efficiency Gas Combo Oven	-	-	4	10	129	4,000	10,000
37	Energy Star Gas Commercial Fryer	1	500	22	30	711	11,000	22,500
38	High Efficiency Gas Convection Oven	4	2,000	46	10	594	23,000	7,500
39	High Efficiency Gas Griddle	-	-	-	5	-	-	1,500
40	Energy Star Gas Steam Cooker	-	-	-	2	-	-	2,000
41	Attic Insulation (retrofit)	1	1,600	13	150	353	11,565	168,000
42	Wall Insulation (retrofit)	-	-	-	10	-	-	12,000
43	Demand Control Ventilation Systems	6	25,665	54	3	10,585	389,167	20,000
44	Demand Control Ventilation Systems (DCV) Packaged (no BMS)	-	-	12	50	261	4,800	11,250
45	Pipe Insulation (Hot Water)	-	-	-	10	-	-	750
46	Pipe Insulation (Steam)	-	-	-	5	-	-	1,000
47	High Efficiency Charbroiler	-	-	-	5	-	-	5,000
48	Conveyor Oven	2	2,000	2	5	141	2,000	5,000
49	Gas Dryer Moisture Sensor	-	-	-	1	-	-	125
50	Modulating Gas Dryer	-	-	-	1	-	-	75
51	Solar Assisted Water Heater- Pool- Business	-	-	-	1	-	-	-
52	Correction	-	-	-	-	-	(398,000)	-
53	Administrative & Overheads	N/A	265,824	N/A	N/A	N/A	1,053,360	1,160,000
54	<b>Total</b>	<b>149</b>	<b>\$ 461,767</b>	<b>1,000</b>	<b>1,910</b>	<b>65,200</b>	<b>\$ 1,951,900</b>	<b>\$ 3,564,234</b>

\*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

Dominion Energy  
 ThermWise Home Energy Plan - Utah Programs  
 As of December 31, 2018

Line #	Program	4th Quarter 2018		Total 2018						
		Actual Participants**	Costs	Plans / Participants**	Efficiency Items**	Estimated Participants	Dth Savings*	Actual Costs	Budget	
1	ThermWise HOME ENERGY PLAN									
2	Efficiency Measures	450	\$ 6,709	2,162	16,678	2,800	34,845	\$ 41,366	\$ 52,265	
3	Administrative & Overheads	N/A	113,356	N/A	N/A	N/A	N/A	394,430	633,000	
4	<b>Total</b>	<b>450</b>	<b>\$ 120,064</b>	<b>2,162</b>	<b>16,678</b>	<b>2,800</b>	<b>34,845</b>	<b>\$ 435,796</b>	<b>\$ 685,265</b>	

\*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

\*\*Participants, Plans Completed and Efficiency Items are based on reported numbers from the ThermWise Home Energy Experts.

**Dominion Energy**  
**TermWise Weatherization Rebates Program - Utah Programs**  
 As of December 31, 2018

Line #	Program	4th Quarter 2018		Total 2018				
		Actual	Actual	Actual	Estimated	Dth	Actual	Budget
		Participants	Costs	Participants	Participants	Savings*	Costs	
1	Attic Insulation Tier 1	1,788	\$ 361,057	7,138	7,600	26,863	\$ 1,583,877	\$ 2,660,000
2	Attic Insulation Tier 2	714	63,148	3,049	1,800	4,010	269,900	176,400
3	Floor Insulation	8	1,501	89	400	465	17,100	65,600
4	Wall Insulation	25	6,618	390	500	1,583	111,978	129,000
5	R-5 Windows	802	30,188	9,216	8,500	7,837	350,880	318,750
6	Duct Sealing & Insulation	15	5,166	250	2,000	2,696	76,499	838,462
7	Air Sealing	2,029	1,052,784	6,616	200	55,135	3,445,929	105,336
8	Pipe Insulation (weatherization)	-	-	-	800	-	-	2,000
9	ICAST pilot	532	133,476	860	1,000	8,600	331,848	400,000
10	Attic Insulation Tier 1 (multifamily)	-	-	176	4,000	449	26,474	989,355
11	Attic Insulation (multifamily) Tier 2	-	-	38	2,200	23	1,522	148,672
12	Floor Insulation (multifamily)	-	-	-	20	-	-	364
13	Wall Insulation (multifamily)	-	-	-	10	-	-	1,020
14	R-5 Windows (multifamily)	1,402	94,183	1,415	40	2,119	94,887	1,500
15	Duct Sealing & Insulation (multifamily)	-	-	84	5,600	538	19,650	973,714
16	Administrative & Overheads	N/A	615,264	N/A	N/A	N/A	1,219,340	745,000
17	<b>Total</b>	<b>7,315</b>	<b>\$ 2,363,384</b>	<b>29,321</b>	<b>34,670</b>	<b>110,317</b>	<b>\$ 7,549,884</b>	<b>\$ 7,555,172</b>

\*Savings reflects the net Dth deemed savings based on actual participants with an 80% net-to-gross ratio applied.

**Dominion Energy**  
**Market Transformation - Utah Programs**  
**As of December 31, 2018**

Line #	Program	4th Quarter 2018		Total 2018			
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Actual Costs	Budget
1	Market Transformation Total	N/A	\$ 401,014	N/A	N/A	\$ 1,374,666	\$ 1,320,000

**Dominion Energy**  
 ThermWise Energy Comparison Report - Utah Programs  
 As of December 31, 2018

Line #	Program	4th Quarter 2018		Total 2018					
		Participants	Costs	Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget	
1	Energy Comparison Report Total	285,000	\$ 98,664	285,000	285,000	347,700	\$ 415,686	\$ 600,000	



Dominion Energy  
 Low Income Efficiency Program - Utah Programs  
 As of December 31, 2018

Line #	Program	4th Quarter 2018		Total 2018				
		Actual Participants	Actual Costs	Actual Participants	Estimated Participants	Dth Savings	Actual Costs	Budget
1	95% Efficient Furnace	-	\$ -	30	300	655	\$ 13,050	90,000
2	95% Efficient Furnace with ECM	2	700	40	20	567	14,550	7,000
3	98% Efficient Furnace with ECM	3	1,200	6	4	83	2,400	1,600
4	Boilers Tier 1	-	-	1	-	19	400	-
5	Boilers Tier 2	-	-	1	-	25	600	-
6	Gas Water Heater - Tier 2	1	100	2	38	8	200	67,760
7	Attic Insulation - Tier 1	53	8,435	183	220	642	30,269	9,240
8	Attic Insulation Tier 2	23	349	79	120	22	1,194	10,224
9	Floor Insulation	6	388	25	48	87	2,545	11,802
10	Wall Insulation	20	2,870	79	40	197	11,137	21,850
11	Duct Sealing & Insulation	-	-	-	50	-	-	81,050
12	Air Sealing	28	10,829	143	280	1,153	57,656	3,800
13	Tank Less Gas Water Heater - Tier 2	-	-	-	5	-	-	1,750
14	Low Income Furnace Replacement	-	-	317	600	6,499	500,000	500,000
15	Administrative & Overheads	N/A	2,551	N/A	N/A	N/A	8,054	23,350
16	<b>Total</b>	<b>136</b>	<b>\$ 27,422</b>	<b>916</b>	<b>1,725</b>	<b>9,955</b>	<b>\$ 642,055</b>	<b>\$ 829,426</b>